

AMENDMENTS TO THE CLAIMS

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In accordance with Rule 1.121, a complete claim listing is presented below, including appropriate status identifiers. Changes in the amended claims are shown by strikethrough for deleted material, and by underlining for added material.

1-52. (Cancelled)

53. (New) A method for nucleating and/or growing crystals, comprising:
placing a first plurality of solutions of a compound in a first plurality of housings,

each housing of the first plurality comprising a top, a bottom, a chamber sealed between the top and the bottom, and a channel connecting the chamber to an external atmosphere, and

removing solvent from the first plurality of solutions;

where the removing solvent occurs only through the channels to the external atmosphere, and

each of the solutions of the first plurality undergoes a phase transition.

54. (New) The method of claim 53, where the removing solvent is carried out until only solid remains in each housing of the first plurality.

55. (New) The method of claim 53, where the placing the first plurality of solutions in the first plurality of housings comprises, for each solution,

placing a drop of the solution on the top or bottom of the housing, and

sealing the drop in the chamber between the top and the bottom of the housing.

56. (New) The method of claim 53, where the concentration of the compound in each solution of the first plurality is different, prior to removing the solvent.

57. (New) The method of claim 56, where the removing solvent is carried out at substantially the same rate, prior to the phase transitions.